



PCT09

410
7-12-02
P.2.

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/869,079A

DATE: 05/23/2002

TIME: 16:17:51

Input Set : A:\JAB-1458.txt

Output Set: N:\CRF3\05232002\I869079A.raw

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5 <110> APPLICANT: Masure, Stefan
6   Richardson, Alan
11 <120> TITLE OF INVENTION: Human AKT-3
15 <130> FILE REFERENCE: 51869/001
C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/869,079A
C--> 21 <141> CURRENT FILING DATE: 2002-04-15
25 <150> PRIOR APPLICATION NUMBER: GB 9828375.7
27 <151> PRIOR FILING DATE: 1998-12-22
31 <160> NUMBER OF SEQ ID NOS: 3
35 <170> SOFTWARE: PatentIn Ver. 2.0
39 <210> SEQ ID NO: 1
41 <211> LENGTH: 1547
43 <212> TYPE: DNA
45 <213> ORGANISM: Homo sapiens
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55 atataaagag aaacctcaag atgtggattt accttatccc ctcaacaact tttcagtggc 180
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61 atggacagaa gctatccagg ctgtagcaga cagactgcag aggcaagaag aggagagaat 360
63 gaattgtagt ccaacttcac aaattgataa tataggagag gaagagatgg atgcctctac 420
65 aacccatcat aaaagaaaga caatgaatga ttttgactat ttgaaactac taggtaaagg 480
67 cacttttggg aaagtatttt tggttcgaga gaaggcaagt ggaaaatact atgctatgaa 540
69 gattctgaag aaagaagtca ttattgcaaa ggatgaagtg gcacacactc taactgaaag 600
71 cagagtatta aagaacacta gacatccctt tttaacatcc ttgaaatatt ccttcagac 660
73 aaaagaccgt ttgtgttttg tgatggaata tgttaatggg ggcgagctgt ttttccattt 720
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83 gttagaagat aatgactatg gccgagcagt agactggtgg ggcctagggg ttgtcatgta 1020
85 tgaaatgatg tgtgggaggt tacctttcta caaccaggac catgagaaac tttttgaatt 1080
87 aatattaatg gaagacatta aatttcctcg aacactctct tcagatgcaa aatcattgct 1140
89 ttcagggctc ttgataaagg atccaaataa acgccttggg ggaggaccag atgatgcaaa 1200
91 agaaattatg agacacagtt tcttctctgg agtaaactgg caagatgtat atgataaaaa 1260
93 gcttgtacct ccttttaaac ctcaagtaac atctgagaca gatactagat attttgatga 1320
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107 <211> LENGTH: 1436

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109 <212> TYPE: DNA

111 <213> ORGANISM: Homo sapiens

115 <400> SEQUENCE: 2

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121 aaacctcaag atgtggattt accttatccc ctcaacaact ttccagtggc aaaatgccag 180
123 ttaatgaaaa cagaacgacc aaagccaaac acatttataa tcagatgtct ccagtggact 240
125 actgttatag agagaacatt tcatgtagat actccagagg aaaggggaaga atggacagaa 300
127 gctatccagg ctgtagcaga cagactgcag aggcaagaag aggagagaat gaattgtagt 360
129 ccaacttcac aaattgataa tataggagag gaagagatgg atgcctctac aacctcatcat 420
131 aaaagaaaga caatgaatga ttttgactat ttgaaactac taggtaaagg cacttttggg 480
133 aaagtatttt tggttcgaga gaaggcaagt ggaaaatact atgctatgaa gattctgaag 540
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145 aaagatggcc acataaaaaa tacagatttt ggactttgca aagaagggat cacagatgca 900
147 gccaccatga agacattctg tggcactcca gaatatctgg caccagaggt gttagaagat 960
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151 tgtgggaggt tacctttcta caaccaggac catgagaaac tttttgaatt aatattaatg 1080
153 gaagacatta aatttccctg aacactctct tcagatgcaa aatcattgct ttcagggtc 1140
155 ttgataaagg atccaaataa acgccttggg ggaggaccag atgatgcaaa agaaattatg 1200
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161 gctcagacta ttacaataac accacctgaa aaatatgatg aggatgggat ggactgcatg 1380
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171 <212> TYPE: PRT

173 <213> ORGANISM: Homo sapiens

177 <400> SEQUENCE: 3

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181 1 5 10 15
185 Glu Tyr Ile Lys Asn Trp Arg Pro Arg Tyr Phe Leu Leu Lys Thr Asp
187 20 25 30
191 Gly Ser Phe Ile Gly Tyr Lys Glu Lys Pro Gln Asp Val Asp Leu Pro
193 35 40 45
197 Tyr Pro Leu Asn Asn Phe Ser Val Ala Lys Cys Gln Leu Met Lys Thr
199 50 55 60
203 Glu Arg Pro Lys Pro Asn Thr Phe Ile Ile Arg Cys Leu Gln Trp Thr
205 65 70 75 80
209 Thr Val Ile Glu Arg Thr Phe His Val Asp Thr Pro Glu Glu Arg Glu
211 85 90 95
215 Glu Trp Thr Glu Ala Ile Gln Ala Val Ala Asp Arg Leu Gln Arg Gln
217 100 105 110
221 Glu Glu Glu Arg Met Asn Cys Ser Pro Thr Ser Gln Ile Asp Asn Ile
223 115 120 125
227 Gly Glu Glu Glu Met Asp Ala Ser Thr Thr His His Lys Arg Lys Thr

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233 Met Asn Asp Phe Asp Tyr Leu Lys Leu Leu Gly Lys Gly Thr Phe Gly
235 145      150      155      160
239 Lys Val Ile Leu Val Arg Glu Lys Ala Ser Gly Lys Tyr Tyr Ala Met
241      165      170      175
245 Lys Ile Leu Lys Lys Glu Val Ile Ile Ala Lys Asp Glu Val Ala His
247      180      185      190
251 Thr Leu Thr Glu Ser Arg Val Leu Lys Asn Thr Arg His Pro Phe Leu
253      195      200      205
257 Thr Ser Leu Lys Tyr Ser Phe Gln Thr Lys Asp Arg Leu Cys Phe Val
259      210      215      220
263 Met Glu Tyr Val Asn Gly Gly Glu Leu Phe Phe His Leu Ser Arg Glu
265 225      230      235      240
269 Arg Val Phe Ser Glu Asp Arg Thr Arg Phe Tyr Gly Ala Glu Ile Val
271      245      250      255
275 Ser Ala Leu Asp Tyr Leu His Ser Gly Lys Ile Val Tyr Arg Asp Leu
277      260      265      270
281 Lys Leu Glu Asn Leu Met Leu Asp Lys Asp Gly His Ile Lys Ile Thr
283      275      280      285
287 Asp Phe Gly Leu Cys Lys Glu Gly Ile Thr Asp Ala Ala Thr Met Lys
289      290      295      300
293 Thr Phe Cys Gly Thr Pro Glu Tyr Leu Ala Pro Glu Val Leu Glu Asp
295 305      310      315      320
299 Asn Asp Tyr Gly Arg Ala Val Asp Trp Trp Gly Leu Gly Val Val Met
301      325      330      335
305 Tyr Glu Met Met Cys Gly Arg Leu Pro Phe Tyr Asn Gln Asp His Glu
307      340      345      350
311 Lys Leu Phe Glu Leu Ile Leu Met Glu Asp Ile Lys Phe Pro Arg Thr
313      355      360      365
317 Leu Ser Ser Asp Ala Lys Ser Leu Leu Ser Gly Leu Leu Ile Lys Asp
319      370      375      380
323 Pro Asn Lys Arg Leu Gly Gly Gly Pro Asp Asp Ala Lys Glu Ile Met
325 385      390      395      400
329 Arg His Ser Phe Phe Ser Gly Val Asn Trp Gln Asp Val Tyr Asp Lys
331      405      410      415
335 Lys Leu Val Pro Pro Phe Lys Pro Gln Val Thr Ser Glu Thr Asp Thr
337      420      425      430
341 Arg Tyr Phe Asp Glu Glu Phe Thr Ala Gln Thr Ile Thr Ile Thr Pro
343      435      440      445
347 Pro Glu Lys Tyr Asp Glu Asp Gly Met Asp Cys Met Asp Asn Glu Arg
349      450      455      460
353 Arg Pro His Phe Pro Gln Phe Ser Tyr Ser Ala Ser Gly Arg Glu
355 465      470      475

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VERIFICATION SUMMARY

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L:19 M:270 C: Current Application Number differs, Replaced Current Application Number

L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date